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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99352 • (509) 372-7950

July 30, 2007

Ms. Shirley J. Olinger, Acting Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

Mr. William S. Elkins, Project Director
Bechtel National, Inc.
2435 Stevens Center Place, MSIN: H4-02
Richland, Washington 99354

Re: Submittal of Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-06-016; Class 1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit 10 (Waste Treatment and Immobilization Plant), WA7890008967 0073216

Dear Ms. Olinger and Mr. Elkins:

The Department of Ecology approves the referenced Class 1 Modification. The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

Modification 24590-PTF-PCN-ENV-06-016 provides the updated Engineering Specification (24590-PTF-3PS-MKAS-T0001, Revision 1) for the Pretreatment Facility Vessel Vent Caustic Scrubber (PVP-SCB-00002). The changes listed on the permit modification notification form provide a satisfactory summary.

If there are any questions, contact me at 509-372-7882 or Robbie Biyani at 509-372-7884.

Sincerely,

Brenda Becker-Khaleel
WTP Permit Writer
Nuclear Waste Program

bcs:jc
Enclosure

cc: See next page

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Ms. Olinger and Mr. Elkins
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cc electronic w/enc:

John Eschenberg, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
Gae Neath, USDOE
Don Sommer, USDOE
William Taylor, USDOE
Julie Atwood, BNI
Brad Erlandson, BNI
Peggy Fisher, BNI
Stan Hill, BNI
Dennis Klein, BNI
Sandi Murdock, BNI
Phil Peistrup, WGI

cc w/enc:

Administrative Record: Tank Waste Treatment Requirements / H-0-8
Environmental Portal
USDOE-ORP Correspondence Control

Quarter Ending September 30,
2007

24590-PTF-PCN-ENV-06-016

Hanford Facility RCRA Permit Modification Notification Form														
Unit: Waste Treatment and Immobilization Plant		Permit Part & Chapter: Part III, Operating Unit 10												
Description of Modification: The purpose of this Class 1 modification is to update PTF Engineering Specification (24590-PTF-3PS-MKAS-TP001) for the PTF Vessel Vent Caustic Scrubber (PVP-SCB-00002) in Appendix 8.7 of the Dangerous Waste Permit. The following specification is submitted to replace the "permit" specification currently in Appendix 8.7.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="padding: 2px;">Appendix 8.7</td> </tr> <tr> <td style="width: 15%; padding: 2px;">Replace:</td> <td style="width: 35%; padding: 2px;">24590-PTF-3PS-MKAS-TP001, Rev. 0</td> <td style="width: 15%; padding: 2px;">With:</td> <td style="width: 35%; padding: 2px;">24590-PTF-3PS-MKAS-T0001, Rev. 1</td> </tr> </table>					Appendix 8.7				Replace:	24590-PTF-3PS-MKAS-TP001, Rev. 0	With:	24590-PTF-3PS-MKAS-T0001, Rev. 1		
Appendix 8.7														
Replace:	24590-PTF-3PS-MKAS-TP001, Rev. 0	With:	24590-PTF-3PS-MKAS-T0001, Rev. 1											
This modification requests Ecology approval of the specific changes to this specification that are identified by revision triangles or revision bars. Revisions are the result of ongoing design (changes from vendor preliminary data to vendor detailed design). The following identifies the significant sections that have been revised on the attached data sheets.														
<ul style="list-style-type: none"> Revised Scope Revised Acronyms, Abbreviations and Definitions Revised Applicable Documents Revised Design requirements, included new lateral restraint requirements Revised Materials for lateral restraint Revised Tests and Inspections, added requirements for Nondestructive Examination Revised Documentation and Submittals 														
The following is a list of outstanding change documents that have not been incorporated into this modification: <ul style="list-style-type: none"> 24590-PTF-3PN-MKAS-00004 														
Per WAC 173-303-830(4)(d)(ii), these changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%; padding: 2px;">WAC 173-303-830 Modification Class: ¹²</td> <td style="width: 10%; padding: 2px;">Class 1</td> <td style="width: 10%; padding: 2px;">Class ¹1</td> <td style="width: 10%; padding: 2px;">Class 2</td> <td style="width: 15%; padding: 2px;">Class 3</td> </tr> <tr> <td style="padding: 2px;">Please mark the Modification Class:</td> <td style="text-align: center; padding: 2px;">X</td> <td></td> <td></td> <td></td> </tr> </table>					WAC 173-303-830 Modification Class: ¹²	Class 1	Class ¹ 1	Class 2	Class 3	Please mark the Modification Class:	X			
WAC 173-303-830 Modification Class: ¹²	Class 1	Class ¹ 1	Class 2	Class 3										
Please mark the Modification Class:	X													
Enter Relevant WAC 173-303-830, Appendix I Modification citation number: A.1. and A.3. Enter wording of WAC 173-303-830, Appendix I Modification citation: A. General Permit Provisions														
1. Administrative and informational changes 3. Equipment replacement or upgrading with functionally equivalent components (e.g., pipes, valves, pumps, conveyors, controls.)														
Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) Reason for denial:			Reviewed by Ecology: <div style="text-align: right;"> S. Dahl </div> <div style="text-align: right;"> 7/30/07 Date </div>											

¹ Class 1 modifications requiring prior Agency approval.

² If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if applicable.